IN THE CLAIMS:

1. (Currently Amended) A multi-axis shock and vibration isolator for isolating an electronic component from lateral and vertical vibration, comprising:

a body having a main axis of symmetry and a top end [[and]], a bottom end, and a perimeter, the body made of an elastomeric material having a stable modulus of elasticity ~~for attenuating vibration at a first frequency along a vertical axis that passes through the top and bottom ends~~;

with a ~~first hole~~ plurality of passageways equidistantly spaced around the perimeter of the body extending from the perimeter through the body between the top and bottom ends~~; a second hole extending through the body between the top and bottom ends, the second hole intersecting the first hole, the first and second holes being sized and shaped for attenuating vibration at a second frequency along a lateral axis that is perpendicular to the vertical axis~~ and intersecting at the main axis of the body, the passageways establishing a resonant frequency of vibration for the isolator body; and

a cavity in the top end of the body having a perimeter and a bottom surface extending diametrically within the perimeter ~~and forming an outer surface of the top end, and having an opening opposite the bottom surface~~ for receiving [[an]] the electronic component to be isolated from the lateral and vertical shock, the electronic component bonded to the bottom surface of the cavity;

whereby the vibration isolator attenuates all vibration above about 1.4 times the resonant frequency of vibration of the isolator body.

2. (Currently Amended) The isolator as defined in claim 1, wherein the isolator body has a circular cross section when cut along a plane perpendicularly intersecting [[a]] the main axis ~~thereof~~.

3. (Currently Amended) The isolator as defined in claim 1, wherein the ~~first and second holes~~ passageways have a substantially cylindrical shape.

4. (Currently Amended) The isolator as defined in claim 1, wherein the ~~first hole is positioned along a first axis and the second hole is positioned along a second axis, the second axis being substantially perpendicular to the first axis~~ plurality of passageways are each about 2.5 millimeters in diameter.

5. (Cancelled)

6. (Previously Presented) The isolator as defined in claim 1, wherein the body is formed of a resilient material.

7.-14. (Cancelled)

15. (Currently Amended) A multi-axis shock and vibration isolator for isolating an electronic component from shock, comprising:

a body having a main axis of symmetry, top end, a bottom end and an outer ~~surface in contact with the top end and the bottom end~~ perimeter, the body being formed of a resilient material;

a cavity in the top end of the body having a perimeter and a bottom surface extending diametrically within the perimeter ~~and forming an outer surface of the top end and~~

~~having an opening opposite the bottom surface~~ for receiving [[an]] the electronic component, the electronic component being bonded to the bottom surface of the cavity;

~~first, second, third and fourth holes~~ a plurality of passageways spaced an equidistance apart from each other on the ~~outer surface; and a plus sign shaped through-hole connecting the first, second, third and fourth holes~~ outer perimeter of the body extending from the perimeter to the main axis of the body and intersecting at the main axis of the body, the passageways determining the resonant frequency of vibration for the isolator body;

whereby the vibration isolator attenuates all vibrations above about 1.4 times the resonant frequency of the isolator body.

16. (Cancelled)

17. (Currently Amended) The isolator as defined in claim 15, wherein the ~~plus sign shaped through-hole is sized and shaped to provide attenuation of a desired frequency in a direction parallel to a plane defined by the plus sign shape~~ plurality of passageways are each about 2.5 millimeters in diameter.

18-19. (Cancelled)

20. (Currently Amended) The isolator as defined in claim 15, wherein the ~~first, second, third and fourth holes and the plus sign shaped through-hole~~ the plurality of passageways provide a substantially uniform stiffness along any lateral axis of the vibration isolator body.

21. (Currently Amended) A tunable shock and vibration isolator, comprising:

a body of an elastomeric material having a main axis of symmetry, a top, a bottom and outer perimeter, ~~for attenuating~~ ~~a first frequency of vibration in a longitudinal direction~~, at least one property of the elastomeric material determining the ~~first~~ resonant frequency of vibration ~~attenuated; and~~ of the body, a plurality of ~~holes~~ passageways symmetrically ~~oriented in the~~ spaced around the perimeter of the body extending from the perimeter to the main axis of the body ~~for attenuating a second frequency of vibration in a lateral direction, at least one of a size, shape and number of holes determining the second frequency of vibration attenuated;~~ and intersecting at the main axis of the body, the passageways modifying the resonant frequency of vibration for the body; and

a cavity in the top of the body having a perimeter and a surface normal to the longitudinal direction extending diametrically within the perimeter ~~and forming an outer surface of one end of the body and having an opening opposite the normal surface~~ for receiving [[an]] the electronic component to be isolated from vibrations, the electronic component being bonded to the surface in the cavity.

22-24. (Cancelled)

25. (Currently Amended) The isolator of claim [[1]] 21 wherein~~, responsive to shock along the lateral axis,~~ the body absorbs [[the]] shock along the lateral axis by resilient collapse in a vertical direction.

26. (Cancelled)

27. (Currently Amended) The isolator of claim [[10]] 21 wherein~~, responsive to shock in the lateral direction, the body absorbs the shock by resilient collapse in the axial direction~~ the plurality of passageways are each about 2.5 millimeters in diameter.

28. (Cancelled)

29. (Currently Amended) The isolator of claim [[15]] 21 wherein~~, responsive to shock in a first direction,~~ the body absorbs [[the]] shock in a first direction by resilient collapse in a second direction normal to the first direction.

30.-31. (Cancelled)